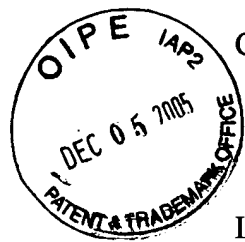


12-07-05

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Customer No.: 07278

Docket No.: 06727/0202039-US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ze'ev Sohn

Serial No.: 10/511,966

Filed: December 30, 2004

For: HANDHELD TRANSDERMAL DRUG DELIVERY  
AND ANALYTE EXTRACTION  
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed: (Check one of the boxes A-D)

- ☐ A. Within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.
- ☒ B. before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.
- ☐ C. after (A) and (B) above, but before final rejection or allowance, and Applicants have made the necessary statement in box "i" below or paid the necessary fee in box "ii" below.

(check one of the boxes "i" and "ii" below:)

Docket No. 06727/0202039-US0

- ☐ i. Counsel states that, upon information and belief, each item of information listed herein was either (a) first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.
- ☐ ii. A check for the fee set forth in 1. 17(p), presently believed to be \$180, is enclosed.
- ☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Applicant petitions under 37 C.F.R. 1.97(d) for the consideration of this IDS. Under 37 CFR 1.17(i) a check in the amount of \$180.00 is enclosed. Counsel certifies that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO/SB/08) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A, B and/or C and fill in blanks, if appropriate.)

- ☒ A. Pursuant to the Notice issued by the United States Patent and Trademark Office dated October 19, 2004 waiving the requirements of 37 C.F.R. § 1.98(a)(2)(i), a copy/copies of the United States Patent on PTO/SB08 is/are not being submitted.
- ☐ B. Document(s) \_\_\_\_\_ is (are) deemed substantially cumulative to document(s) \_\_\_\_\_, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.
- ☐ C. Certain documents were previously cited by or submitted to the Office in the following prior applications, which are relied upon under 35 U.S.C. 120:

[SERIAL NO. & FILING DATE].

Applicant identifies these documents by attaching hereto copies of the forms PTO-892, PTO-1449 and/or PTO/SB/08 from the files of the prior application(s) or a fresh PTO/SB/08 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

☐ 3. Cite Nos. \_\_\_\_\_ are not in the English language. In accordance with 1.98(c), Applicant states:

- ☐ An English translation of each document (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.
- ☐ The requirement for a concise explanation of the relevance of any foreign language document is satisfied by the attached search report; citation of the documents cited in the search report shall not be construed as an admission that they are or are considered to be, material to patentability of the subject matter claimed herein (See MPEP §609).
- ☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is set forth as follows: [Insert concise explanation of relevance]
- ☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ can be found on page(s) \_\_\_\_\_ of the specification.
- ☐ A concise explanation of document(s) \_\_\_\_\_ can be found on the attached sheet.

☐ 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 in the preamble to the final rules; 1135 OG 13 at 20).

☐ 5. Other information being provided for the examiner's consideration follows:

[A/An \_\_\_\_\_ Search Report, dated \_\_\_\_\_, which issued during the prosecution of \_\_\_\_\_ Application No. \_\_\_\_\_ which corresponds to the present application.]

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited

document listed or attached is (or constitutes) prior art. Unless other-wise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

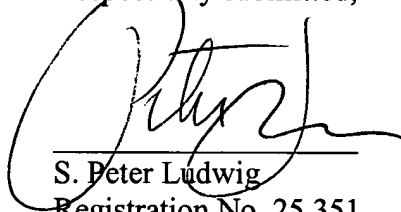
**CROSS REFERENCE UNDER 37 C.F.R. (1.78 TO RELATED APPLICATIONS**

Pursuant to 37 C.F.R. §1.78, Applicant notes that the above-identified patent application may be related to the following U.S. Patent Applications:

(1) U.S. Patent Application Serial No \_\_\_\_\_, filed \_\_\_\_\_.

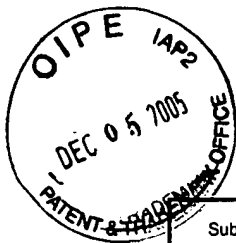
Early and favorable consideration is earnestly solicited.

Respectfully submitted,



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Attorney for Applicant(s)  
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Attorney/Agent for Applicant(s)

December 5, 2005



PTO/SB/08a/b (07-05)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete If Known</b>		
			Application Number	10/511,966	
			Filing Date	December 30, 2004	
			First Named Inventor	Ze'ev Sohn	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	06727/0202039-USO

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA**	US-4,775,361-A	10/1988	Jacques et al.	
	AB**	US-5,165,418-A	11/1992	Tankovich	
	AC**	US-5,423,803	06-13-1995	Tankovich et al.	
	AD**	US-5,019,034-A	05/1991	Weaver et al.	
	AE**	US-5,885,211-A	03/1999	Eppstein et al.	
	AF**	US-6,022,316-A	02/2000	Eppstein et al.	
	AG**	US-6,142,939-A	11/2000	Eppstein et al.	
	AH**	US-6,173,202-B1	01/2001	Eppstein et al.	
	AI**	US-3,964,482-A	06/1976	Grestel	
	AJ**	US-6,050,988-A	04/2000	Zuch	
	AK**	US-6,083,196-A	06/2000	Trautman et al.	
	AL**	US-6,148,232-A	11/2000	Avrahami	
	AM**	US-6,159,194-A	12/2000	Eggers et al.	
	AN**	US-6,090,106-A	07/2000	Goble et al.	
	AO**	US-6,066,134-A1	05-23-2000	Arthrocare Corporation	
	AP**	US-6,024,733-A	02/2000	Eggers et al.	
	AQ**	US-4,943,290-A	07/1990	Rexroth et al.	
	AR**	US-5,380,272-A	01/1995	Gross	
	AS**	US-6,041,253-A	03/2000	Kost et al.	
	AT**	US-5,421,817-A	06/1995	Liss et al.	
	AU**	US-5,232,441-A	08/1993	Stephen et al.	
	AV**	US-5,911,223-A	06/1999	Weaver et al.	
	AW**	US-5,571,149-A	11/1996	Liss et al.	
	AX**	US-5,328,478-A	07/1994	Sibalis	
	AY**	US-5,964,726-A	10/1999	Korenstein et al.	
	AZ**	US-5,688,232-A	11/1997	Flower	
	AA1**	US-5,983,131-A	11/1999	Weaver et al.	
	AB1**	US-6,009,344-A	12/1999	Flower et al.	
	AC1**	US-5,697,896-A	12/1997	McNichols et al.	
	AD1**	US-5,674,267-A	10/1997	Mir et al.	
	AE1**	US-5,983,130-A	11/1999	Phipps et al.	
	AF1**	US-5,666,543-A	09/1997	Gartland	
	AG1**	US-5,439,440-A	08/1995	Hoffman	
	AH1**	US-5,458,140-A	10/1995	Eppstein et al.	
	AI1**	US-5,722,397-A	03/1998	Eppstein	
	AJ1**	US-6,339,775-B1	01/2002	Zamanian et al.	
	AK1**	US-6,030,399-A	02/2000	Ignotz et al.	
	AL1**	US-6,183,434-B1	02/2001	Eppstein	
	AM1**	US-5,792,049-A	08/1998	Eppstein et al.	
	AN1**	US-5,860,421-A	01/1999	Epstein et al.	
	AO1**	US-5,924,981-A	07/1999	Rothfritz et al.	
	AP1**	US-6,002,482-A	12/1999	Rothfritz et al.	
	AQ1**	US-6,045,502-A	04/2000	Epstein et al.	
	AR1**	US-6,192,734-B1	02/2001	Rothfritz et al.	
	AS1**	US-5,582,168-A	12/1996	Samuels et al.	

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/511,966
				Filing Date	December 30, 2004
				First Named Inventor	Ze'ev Sohn
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	06727/0202039-US0

	AT1**	US-6,088,606-A	07/2000	Ignatz et al.	
	AU1**	US-6,055,451-A	04/2000	Bambot et al.	
	AV1**	US-5,500,437-A	03/1996	Saitoh et al.	
	AW1**	US-5,631,169-A	05/1997	Lakowicz et al.	
	AX1**	US-5,246,867-A	09/1993	Lakowicz et al.	
	AY1**	US-5,648,269-A	07/1997	Lakowicz et al.	
	AZ1**	US-5,624,847-A	04/1997	Lakowicz et al.	
	AA2**	US-5,196,709-A	03/1993	Berndt et al.	
	AB2**	US-5,281,825-A	01/1994	Berndt et al.	
	AC2**	US-5,660,991-A	08/1997	Lakowicz et al.	
	AD2**	US-5,409,835-A	04/1995	Lakowicz et al.	
	AE2**	US-5,485,530-A	01/1996	Lakowicz et al.	
	AF2**	US-5,628,310-A	05/1997	Rao et al.	
	AG2**	US-5,759,767-A	06/1998	Lakowicz et al.	
	AH2**	US-5,720,772-A	02/1998	Eckhouse	
	AI2**	US-5,871,469-A	02/1999	Eggers et al.	
	AJ2**	US-5,902,272-A	05/1999	Eggers et al.	
	AK2**	US-5,938,657-A	08/1999	Assa et al.	
	AL2**	US-6,076,012-A	06/2000	Swanson et al.	
	AM2**	US-6,104,952-A	08/2000	Tu et al.	
	AN2**	US-6,117,109-A	09/2000	Eggers et al.	
	AO2**	US-6,142,992-A	11/2000	Cheng et al.	
	AP2**	US-6,210,402-B1	04/2001	Cheng et al.	
	AQ2**	US-6,228,078-B1	05/2001	Eggers et al.	
	AR2**	US-6,235,020-B1	05/2001	Cheng et al.	
	AS2**	US-6,238,391-B1	05/2001	Olsen et al.	
	AT2**	US-6,527,716-B1	03/2003	Eppstein	
	AU2**	US-6,512,950-B1	01/2003	Li et al.	
	AV2**	US-5,318,514-A	06/1994	Hoffman	
	AW2**	US-5,462,520-A	10/1995	Hoffman	
	AX2**	US-5,464,386-A	11/1995	Hoffman	
	AY2**	US-6,611,706-B1	08/2003	Avrahami et al.	
	AZ2**	US-6,708,060-B1	03/2004	Avrahami et al.	

\*\* Pursuant to the Notice issued by the United States Patent and Trademark Office dated October 19, 2004 waiving the requirements of 37 C.F.R. § 1.98(a)(2)(i), a copy/copies of the United States Patent on PTO/SB08 is/are not being submitted.

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO-97/07734-A1	03-06-1997	SPECTRX, Inc.		
	BB	WO-93/10854-A1	06-10-1993	Alza Corporation		
	BC	WO-94/27671-A1	12-08-1994	Alza Corporation		
	BD	WO-94/16765-A1	08-04-1994	Scientific Innovations Ltd.		
	BE	EP-0 547 482-B1	06-23-1993			

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/511,966
				Filing Date	December 30, 2004
				First Named Inventor	Ze'ev Sohn
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	3	of	3	Attorney Docket Number	06727/0202039-US0

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	HENRY, S., et al., "Micromachined Needles for the Transdermal Delivery of Drugs", IEEE 11th Annual International Workshop on Micro-Electric-Mechanical Systems, 1998, pp. 494-498.	
	CB	CHIZMADZHEV, Yuri A., et al., "Electrical Properties of Skin at Moderate Voltages: Contribution of Appendageal Macropores", Biophysical Journal, February 1998, Vol. 74, pp. 843-856.	
	CC	"Instructions Manual for the Force 2 Electrosurgical Generator", Valleylab/TycoHealthcare Group LP, Boulder, Colorado, 1999.	
	CD	U.S. Provisional Patent Application No. 60/374,224, "Rotary handled transdermal drug delivery and analyte extraction", filed April 19, 2002.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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Application No. (if known): 10/511,966

Attorney Docket No.: 06727/0202039-US0

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Date

*B. W. Lee*

Signature

*B. W. LEE*

Typed or printed name of person signing Certificate

Registration Number, if applicable \_\_\_\_\_

Telephone Number \_\_\_\_\_

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9 Cited Documents  
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